

## REMARKS

In the Office Action mailed July 26, 2005, claim 14 was rejected under 35 U.S.C. § 102(b) as being anticipated by Lee (U.S. Patent No. 5,090,613); and claims 1-18 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Cecil (U.S. Patent No. 5,831,235) in view of Lee or Kurokuzuhara (JP 63-271845). The foregoing rejections are respectfully traversed.

Claims 6 and 14 have been cancelled without prejudice or disclaimer. Claims 1-5, 7-13 and 15-18 are pending and under consideration. Reconsideration is respectfully requested.

Neither of the foregoing references relied upon, individually or combined, discuss "each of the vanes is plated with a brazing material, having a plating depth of about 2.25  $\mu\text{m}$  to 8  $\mu\text{m}$ , to be brazed to one or more of the anode cylinder, of the one or more strap rings and of the antenna," as recited in claim 1, for example.

Independent claims 7, 15 and 16 recite similar features as those of claim 1.

Lee discusses an anode assembly of a magnetron having vanes coated with a brazing material (see FIGS 5 and 6; and column 3, lines 9-11). Thus, Lee does not disclose "a plating depth of about 2.25  $\mu\text{m}$  to 8  $\mu\text{m}$ ," as recited in claim 1.

Further, Kurokuzuhara discusses the vanes being plated with silver (see Abstract).

The Examiner cites Cecil at item 5 on page 3 of the Action. However, the Examiner did not include his reason for citing Cecil in the 103(a) rejection of claims 1-18. Therefore, the Applicant respectfully requests a withdrawal of the Examiner's reliance of this reference.

Further, the Applicant respectfully submits that it would not be obvious to set the plating depth as described in the present invention. Therefore, the combination of the foregoing references relied upon fails to establish a prima facie case of obviousness over the present invention.

Dependent claims 2-5, 8-13, 17-18 disclose patentably distinguishing features of their own. For example, claim 4 recites "the brazing material contains silver of 72 $\pm$ 2% in a weight ratio of the brazing material with copper providing a remaining percentage thereof".

Withdrawal of the rejections is respectfully requested.

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is

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requested to telephone the undersigned to attend to these matters.

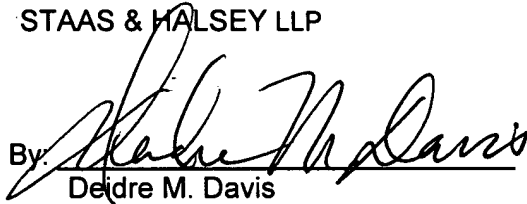
If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

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By:

  
Deidre M. Davis  
Registration No. 52,797

1201 New York Avenue, NW, Suite 700  
Washington, D.C. 20005  
Telephone: (202) 434-1500  
Facsimile: (202) 434-1501